

Nathaniel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/606807/publications.pdf>

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11
papers

841
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

972
citing authors

#	ARTICLE	IF	CITATIONS
1	High-brightness all-polymer stretchable LED with charge-trapping dilution. Nature, 2022, 603, 624-630.	27.8	170
2	Atomic Oxygen-Resistant Epoxy-amines Containing Phenylphosphine Oxide as Low Earth Orbit Stable Polymers. ACS Applied Polymer Materials, 2021, 3, 178-190.	4.4	5
3	Efficient n-Doping of Polymeric Semiconductors through Controlling the Dynamics of Solution-State Polymer Aggregates. Angewandte Chemie, 2021, 133, 8270-8278.	2.0	12
4	Efficient n-Doping of Polymeric Semiconductors through Controlling the Dynamics of Solution-State Polymer Aggregates. Angewandte Chemie - International Edition, 2021, 60, 8189-8197.	13.8	43
5	High-Performance All-Polymer Solar Cells and Photodetectors Enabled by a High-Mobility n-Type Polymer and Optimized Bulk-Heterojunction Morphology. Chemistry of Materials, 2021, 33, 3746-3756.	6.7	17
6	A molecular design approach towards elastic and multifunctional polymer electronics. Nature Communications, 2021, 12, 5701.	12.8	75
7	Approaching disorder-tolerant semiconducting polymers. Nature Communications, 2021, 12, 5723.	12.8	54
8	The effect of side-chain branch position on the thermal properties of poly(3-alkylthiophenes). Polymer Chemistry, 2020, 11, 517-526.	3.9	33
9	Non-Fullerene Acceptors: Efficient Organic Solar Cell with 16.88% Efficiency Enabled by Refined Acceptor Crystallization and Morphology with Improved Charge Transfer and Transport Properties (Adv. Energy Mater. 18/2020). Advanced Energy Materials, 2020, 10, 2070083.	19.5	3
10	Efficient Organic Solar Cell with 16.88% Efficiency Enabled by Refined Acceptor Crystallization and Morphology with Improved Charge Transfer and Transport Properties. Advanced Energy Materials, 2020, 10, 1904234.	19.5	402
11	Branched Polyethylene as a Plasticizing Additive to Modulate the Mechanical Properties of π -Conjugated Polymers. Macromolecules, 2019, 52, 7870-7877.	4.8	27